

# **TREATMENT OF NEUROMUSCULAR DYSFUNCTION OF THE LOWER URINARY TRACT WITH SELECTIVE mGLU5 ANTAGONISTS**

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## **ABSTRACT**

10 The invention is directed to methods of using antagonists selective for the  
metabotropic mGlu5 receptor to treat conditions of neuromuscular dysfunction of the  
lower urinary tract in a mammal. Provided are methods of treating a mammal suffering  
from a condition of neuromuscular dysfunction of the lower urinary tract by  
administering a selective mGlu5 antagonist. The selective mGlu5 antagonist may be  
administered alone or in combination with one or more additional therapeutic agent for  
treating such a condition. Also provided are methods of identifying selective mGlu5  
antagonists that are useful for treating neuromuscular dysfunction of the lower urinary  
15 tract in a mammal.